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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		4562C1
First Inventor		Hon Siu Shin
Title	Thermal Cycling Device with Mechanism for Ejecting Sample Well Trays	
Express Mail Label No.		EL 897 625 485 US

PTO
10/6/200317497
10/6/2003**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 50]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 22]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76.

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified copy of Priority Document(s) (if foreign priority is claimed)
16. Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Transmittal of Continuation
18. Other: Patent Application Under 37CFR 1.53(b)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/199,470 filed July 22, 2002

Prior application information:

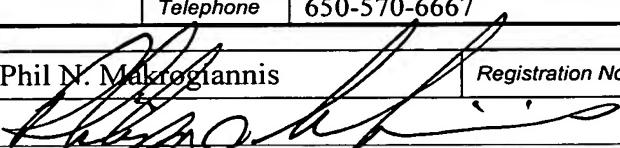
Examiner: Patricia K. BexGroup Art Unit: 1743

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22896	<input type="checkbox"/> Correspondence address below
---	-------	---

Name	Phil N. Makrogiannis			
Address	Applied Biosystems 850 Lincoln Centre Drive			
City	Foster City	State	California	Zip Code
Country	US	Telephone	650-570-6667	Fax
				94404
				650-638-6677

Name (Print/Type)	Phil N. Makrogiannis	Registration No. (Attorney/Agent)	47,766
Signature			Date
			August 14, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

Complete if Known	
Application Number	To be assigned
Filing Date	August 14, 2003 (herewith)
First Named Inventor	Hon Siu Shin
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	4562CI

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number
01-2213
Deposit Account Name
Applied Biosystems

Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit card Money Other Order

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee		750.00	
1002 330	2002 165	Design filing fee			
1003 520	2003 260	Plant filing fee			
1004 750	2004 375	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1)				(\$ 750.00)	

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims		Fee from below	Fee Paid
		1	-20**=0	X 18	0
			-3 ** = 0	X 84	0
					0

Multiple Dependent

** or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	Claims in excess of 20			
1201 84	2201 42	Independent claims in excess of 3			
1203 280	2203 140	Multiple dependent claim, if not paid			
1204 84	2204 42	** Reissue independent claims over original patent			
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)				(\$ 0)	

3. ADDITIONAL FEES

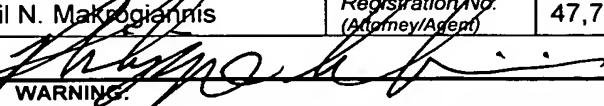
Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge – late filing fee or oath			
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet.			
1053 130	1053 130	Non-English specification			
1812 2520	1812 2520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1840*	1805 1840*	Requesting publication of SIR after Examiner action			
1251 110	2251 55	Extension for reply within first month			
1252 410	2252 205	Extension for reply within second month			
1253 930	2253 465	Extension for reply within third month			
1254 1450	2254 725	Extension for reply within fourth month			
1255 1970	2255 985	Extension for reply within fifth month			
1401 320	2401 160	Notice of Appeal			
1402 320	2402 160	Filing a brief in support of an appeal			
1403 280	2403 140	Request for oral hearing			
1451 1510	1451 1510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive – unavoidable			
1453 1300	2453 650	Petition to revive – unintentional			
1501 1300	2501 650	Utility issue fee (or reissue)			
1502 470	2502 235	Design issue fee			
1503 630	2503 315	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Petitions related to provisional applications			
1806 180	1806 180	Submission of Information Disclosure Stmt			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))			
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))			
1801 750	2801 375	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			
Other fee (specify)					
SUBTOTAL (2)				(\$ 0)	

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Phil N. Makrogios, PIS	Registration No. (Attorney/Agent)	47,766	Telephone
Signature				Date

WARNING:
Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

CERTIFICATION UNDER 37 CFR 1.10

Express Mail Number: EL 897 625 485 US

Date of Deposit: August 14, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Desi Inocencio
(Print Name of Person Mailing Application)

Desi Inocencio
(Signature of Person Mailing Application)

Docket No. 4562C1

**Transmittal of Continuation Patent Application
For Filing Under 37 CFR 1.53(b)**

PRIOR APPLICATION: Examiner: Patricia K. Bex Art Unit: 1743

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a request for filing a continuation divisional application under 37 CFR 1.53(b), of pending prior application serial no. 10/199,470 filed on July 22, 2002 by Hon Siu Shin and Jew Kwee Ngui entitled

Thermal Cycling Device with Mechanism for Ejecting Sample Well Trays

1. Enclosed are:

- One stamped, self-addressed postcard for PTO datestamp.
- Certificate of Express Mail.
- One utility patent application containing text pages 1-50 and
 - 22 sheets of formal informal drawings.
- Application Data Sheet.
- Copy of executed Declaration of Inventorship from parent application serial no. 10/199,470.
- Sequence Listing printout, Request to Use from prior application, and matching Declaration.
- A Preliminary Amendment.
- A new Power of Attorney.

2. Amendment

- Please enter the enclosed Preliminary Amendment before calculating the filing fee. It is understood that only amendments reducing the number of claims will be entered for this purpose.
- Please cancel original claims 2 - 30 inclusive, before calculating the filing fee. (At least one original independent claim should be retained for filing purposes.)
- Amend the specification by inserting before the first line the sentence: -- This application is a divisional / continuation of application serial no. _____ filed _____ which is a divisional / continuation of application serial no. _____ filed _____. --

3. Extension of Time

- A petition for extension of time has been filed in the parent to extend the pendency of the parent to _____ (copy enclosed).

Conditional Petition for Extension of Time: An Extension of Time is requested to provide for timely filing *if* required to establish copendency with the parent after all papers filed herewith have been considered.

4. Prior Documents Still in Effect

This application and parent application Serial No. 10/199,470 filed July 22, 2002 are assigned of record to Applera Corporation.

Power of attorney in the above-identified prior application is to Phil N. Makrogiannis, Reg. No. 47,766, and the other attorneys or agents identified therein.

5. Fees

The filing fee is calculated below taking into account any amendments in section 2 above:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	1 - 20	0	X \$18	\$0.00
INDEPENDENT CLAIMS	1 - 3	0	X \$84	\$0.00
BASIC FEE				\$750.00
Multiple Dependency Fee If Applicable \$280.00				
Total				\$750.00
50% Reduction for Independent Inventor, Non-profit Organization or Small Business Concern				
TOTAL FILING FEE				\$750.00

The Commissioner is hereby authorized to charge the filing fee, any deficiency in fees under 37 CFR 1.16 and 1.17, or any other fees necessary for timely filing of this application, or credit any overpayment to Deposit Account No. 01-2213. A duplicate copy of this sheet is enclosed.

A check in the amount of \$ _____ is enclosed.

Filing fee to be submitted in response to anticipated receipt of Notice to File Missing Parts.
DO NOT CHARGE DEPOSIT ACCOUNT.

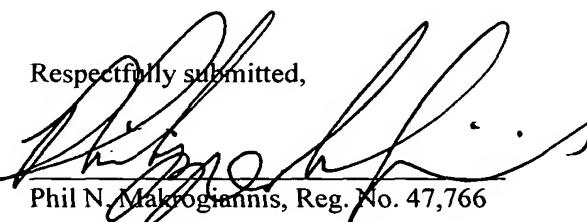
Dated

8/14/03

Correspondence Address:

Customer Number 22896
Applied Biosystems
Patent Department M/S 432-2
850 Lincoln Centre Drive
Foster City, California 94404
Telephone: 650-554-2164
Facsimile: 650-638-6677

Respectfully submitted,



Phil N. Makrogiannis, Reg. No. 47,766